OBLON, SPIVAK, ET AL DOCKET #: 200976US-99 INV: VLADIMIR DOROSHENKO SHEET 1_ OF 12_

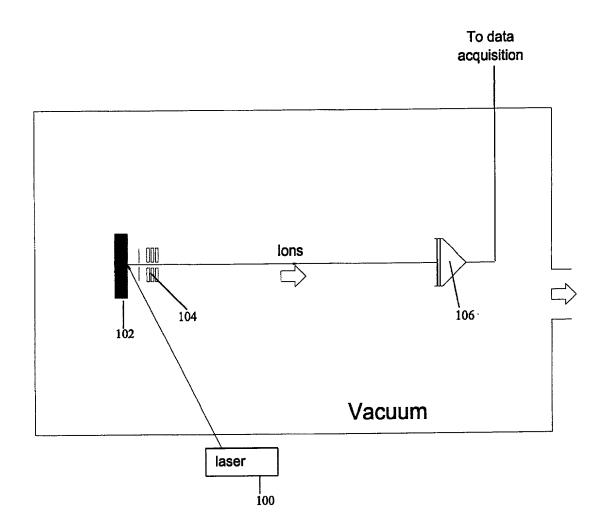


FIGURE 1A

OBLON, SPIVAK, ET AL DOCKET #: 200976US-99 INV: VLADIMIR DOROSHENKO SHEET 2_OF_12_

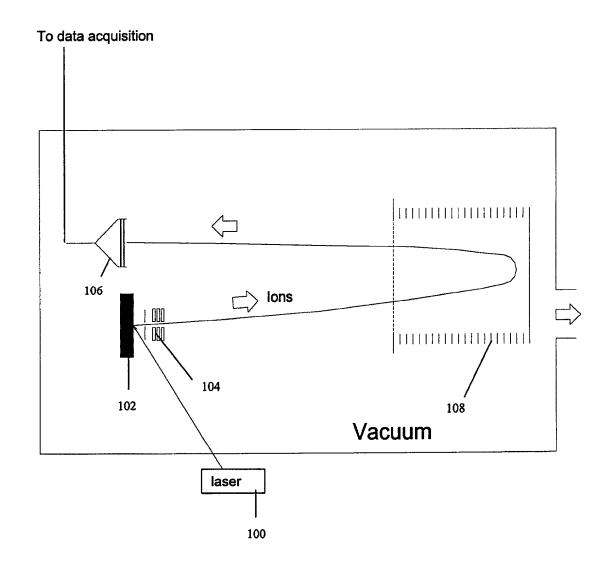


FIGURE 1B

OBLON, SPIVAK, ET AL DOCKET #: 200976US-99 INV: VLADIMIR DOROSHENKO SHEET 3_OF_12_

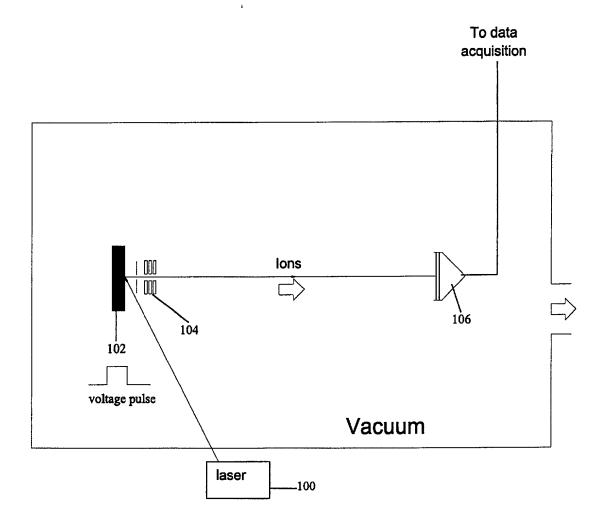


FIGURE 1C

OBLON, SPIVAK, ET AL DOCKET #: 200976US-99 INV: VLADIMIR DOROSHENKO SHEET 4_OF12_

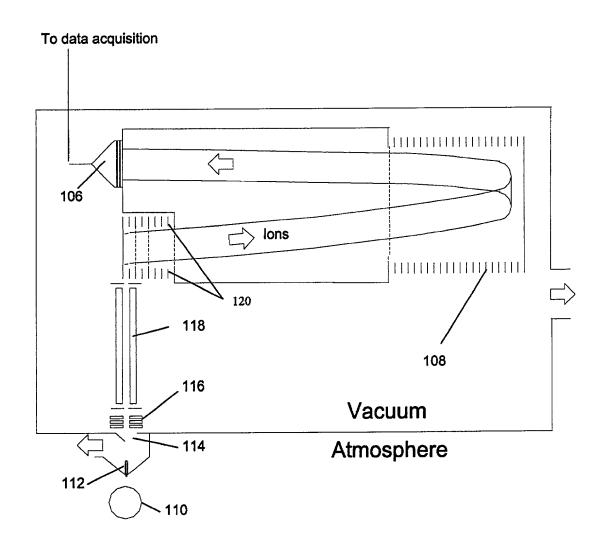


FIGURE 1D

OBLON, SPIVAK, ET AL DOCKET #: 200976US-99 INV: VLADIMIR DOROSHENKO SHEET 5_OF_12_

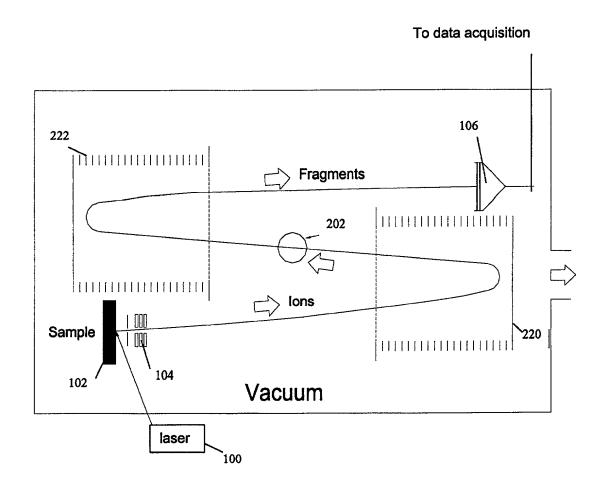


FIGURE 2A

OBLON, SPIVAK, ET AL DOCKET #: 200976US-99 INV: VLADIMIR DOROSHENKO SHEET 6_OF 12__

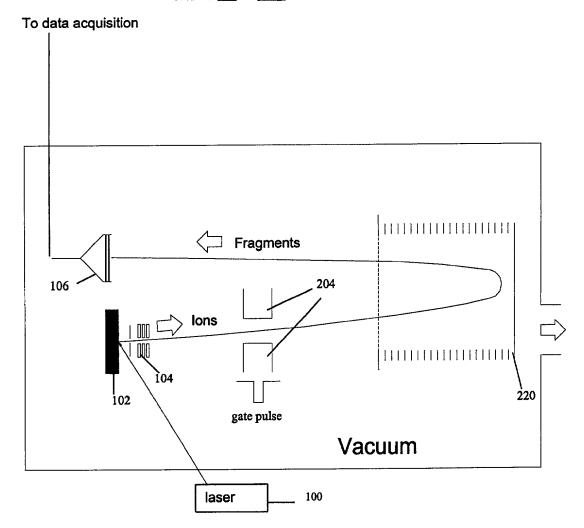


FIGURE 2B

OBLON, SPIVAK, ET AL DOCKET #: 200976US-99 INV: VLADIMIR DOROSHENKO SHEET 7_OF_12_

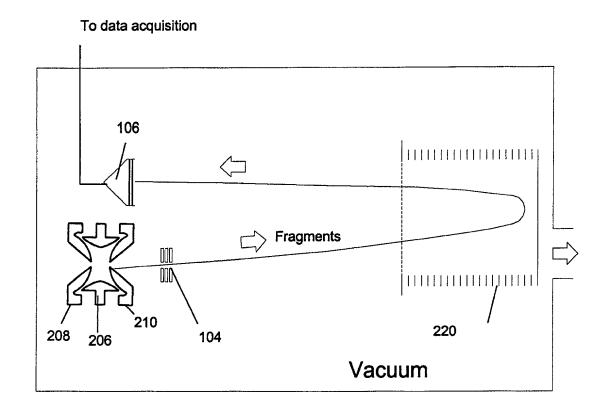


FIGURE 2C

OBLON, SPIVAK, ET AL DOCKET #: 200976US-99 INV: VLADIMIR DOROSHENKO SHEET 1_OF12_

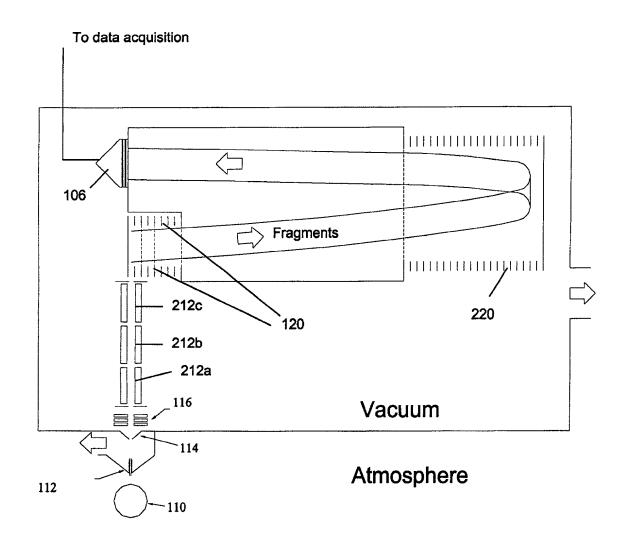


FIGURE 2D

OBLON, SPIVAK, ET AL **DOCKET #: 200976US-99** INV: VLADIMIR DOROSHENKO SHEET 9 OF 12

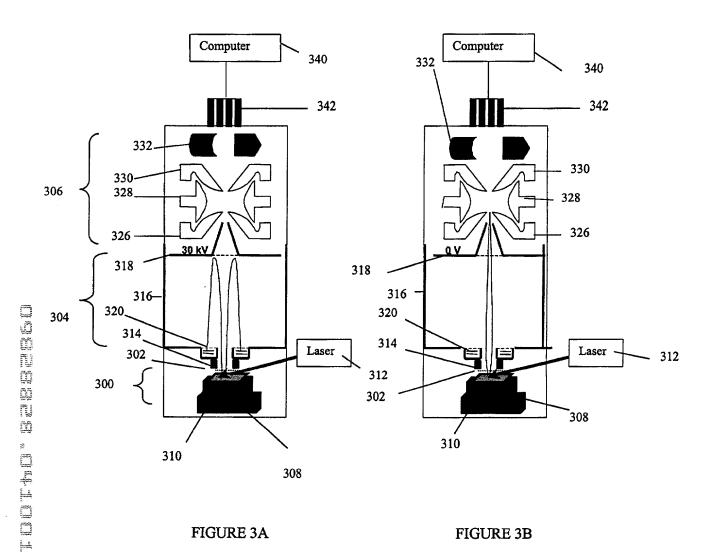


FIGURE 3A

FIGURE 3B

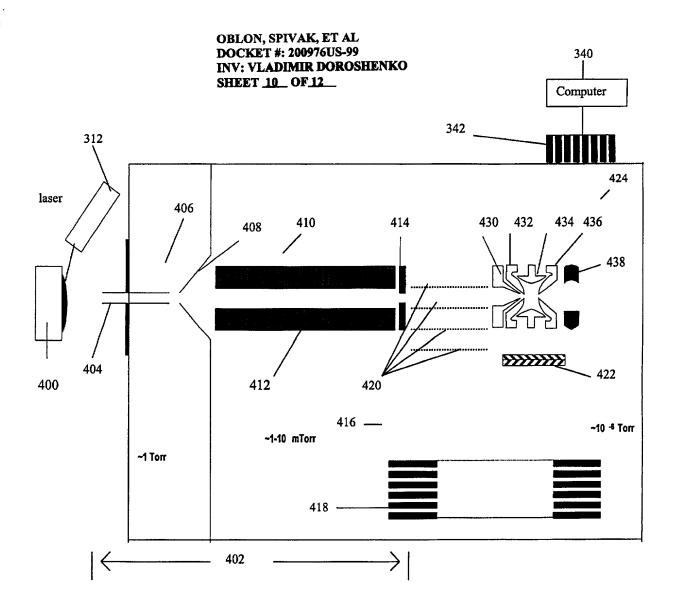


FIGURE 4

SHEET 11 OF 12 / 500 PRODUCE IONS FROM A SAMPLE CONTAINING A PLURALITY OF ATOMS **OR MOLECULES** 510 EXTRACT IONS FROM AN ION SOURCE 520 SELECT BETWEEN A TIME OF FLIGHT AND AN ION TRAP MASS ANALYZER 530b 530a DIRECT EXTRACTED IONS TO THE TIME OF DIRECT EXTRACTED IONS TO THE ION TRAP MASS ANALYZER FOR TANDEM FLIGHT MASS ANALYZER FOR NORMAL MASS ANALYSIS MASS ANALYSIS 540a 540b MASS ISOLATE, FRAGMENT, AND MASS SEPARATE THE IONS IN THE TIME SEPARATE THE IONS IN THE ION TRAP OF FLIGHT MASS ANALYZER MASS ANALYZER 550a 550b **DETECT MASS SEPARATED IONS DETECT MASS SEPARATED IONS** 560

PRODUCE AT LEAST ONE OF A NORMAL AND A TANDEM MASS SPECTRUM

OBLON, SPIVAK, ET AL DOCKET #: 200976US-99

INV: VLADIMIR DOROSHENKO

FIGURE 5

OBLON, SPIVAK, ET AL DOCKET #: 200976US-99 INV: VLADIMIR DOROSHENKO SHEET 12_OF12_

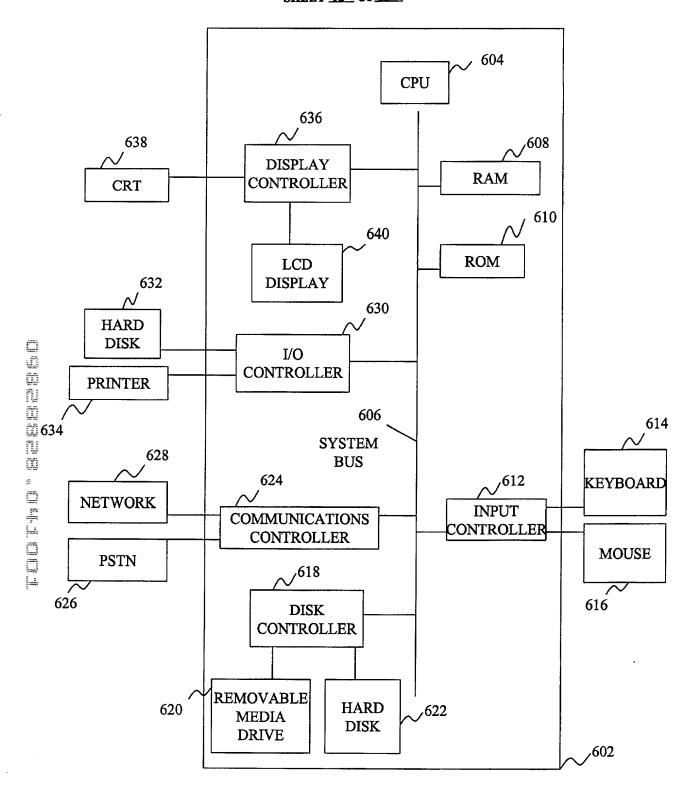


FIGURE 6